PS
INDEX
Issues 152-157
(Jul-Dec 1965)
MAYBE YOU SHOULD'VE CHECKED THE PS INDEX UNDER "TROUBLE SHOOTING."
PARTS FOR REPAIR
Will Eisner

THE PREVENTIVE MAINTENANCE MONTHLY

INDEX NO. 12
to
ISSUES 152-157

(July - December 1965)

An index to the preceding six issues of PS Magazine is published twice yearly by the Department of the Army for the information of organizational maintenance and supply personnel. Distribution is made through normal publication channels by the "Pin-Point" distribution method.

Within limits of availability, older issues may be obtained direct from PS Magazine, Fort Knox, Kentucky, 40121.

PS Magazine wants your ideas and contributions, and is glad to answer your questions. Names and addresses are kept in confidence. Just write to:

DISTRIBUTION:

In accordance with requirements for PS Magazine submitted on DA Form 12-4. One copy of this index is distributed for every three copies of PS Magazine required.

INDEX

TO

PS, THE PREVENTIVE MAINTENANCE MONTHLY

ISSUES 152 to 157 INCLUSIVE

	PS	Page
A		
AIRCRAFT ARMAMENT		
Introduction--6 current subsystems	153	45
M6 Subsystem		
PM tips for between flights	154	45
Receptacle guide pin--Be sure it's located right	153	27
M22 Subsystem		
Pre-takeoff PM--General tips	155	44
XM2 Subsystem		
General tips to keep the twin M60's firing	157	38
XM3 Subsystem		
Mark VIII Sight--Mod kit converts it to a roof-mounted sight	155	65
2.75-in Rockets--Introduction & General PM Tips	156	18
AIRCRAFT, ARMY		
Fixed Wing		
Observation Series		
O-1 (Bird Dog)		
Carburetor air control--No intermediate positions	155	42
Flyaway tool kit	154	39
Utility Series		
U-1A (Otter)		
Tailplane hinge bolt--How to install	156	17
U-6 (Beaver)		
Carburetor--Lap mounting surface	155	42
Engine Oil Cooler--Determine cause of leak	155	41
Generator--How to rate it	157	65
U-8 (Seminole)		
Engine--Use proper control settings to prevent detuning	153	42
Oxygen minimum is 50 PSI	152	40

	PS	Page
AIRCRAFT, ARMY (Cont'd)		
Fixed Wing		
VTOL and STOL Aircraft		
OV-1 (Mohawk)		
Autopilot--Don't overpower	156	12
CV-2 (Caribou)		
Crew chief's stand can damage pitot tube	154	43
Rotary Wing		
Helicopter Series		
UH-1 (Iroquois)		
Battery--Give nickel cadmium regular servicing	155	37
Ground Handling Wheels--Care of	157	46
Main Rotor Pitch Change Link Bolt--Proper installation	155	40
Scissors--Grease pivot bolt	155	38
Tail Rotor Pitch Control Chain--Don't oil it	155	38
Transmission--Proper method of pulling oil jets	155	39
Weapons--Use of blank firing attachment on M6 subsystem	154	44
UH-1B (Iroquois)		
No garbage in baggage compartment	154	37
UH-1D (Iroquois)		
Main rotor blade grip reservoirs fill half-full	152	37
OH-13 (Sioux)		
Controls--Keep servo lines straight	157	49
Engine--Use the correct thermocouple	154	42
Flyaway tool kit	154	39
Helmet Holder	157	49
Servo cylinder smear is not a leak	152	38
Trim tab tool tit	156	13
Weapons--Use of blank firing attachment on M2 subsystem	154	44
OH-13E, G (Sioux)		
Engine Tachometer Generator--Install properly	154	42
CH-21C (Shawnee)		
Omni ramshorn cable may need extension	155	46
OH-23 (Raven)		
Flyaway tool kit	154	39
Lubrication--Follow special service notes in LO	154	40
Tachometer--Proper procedure for changing	156	14
Weapons--Use of blank firing attachment on M2 subsystem	154	44
Weapons System (M2)--Mount M60C properly	152	41
CH-47 (Chinook)		
Transmission--Eye rain shield covers	155	40

	PS	Page
AIRCRAFT, ARMY, GENERAL		
Avionics Equipment--Make an "Op" check before removing faulty set	152	46
Chip Detector Kits	155	43
EIR needs manufacturer's name for part failures	154	38
Embossing tape for ident stickers	153	44
Engine--Use proper control settings to prevent detuning	153	42
Flyaway tool kit for small aircraft	154	39
Fuselage dirt increases fuel consumption	154	38
Hydraulic Fluid--Do not store in plastic jug	154	41
M24 Protective Mask--Check it	152	45
No finger rings on flight line	154	39
No garbage in baggage compartment	154	37
Oil--Use of dispersant, MIL-L-22851	152	42
Parts--Proper procedure for changing	156	14
Records--Keep a complete log book	157	37
Safety--Wear shoes without taps	152	39
Shelters--For camouflage and maintenance	157	44
Spark Plugs--Fine wire-type supersedes massive type	152	45
Weapons Pubs--Fill out DA Form 12-31 for sub-armament system	153	44
AMMUNITION		
General tips on care, handling	153	2
ANTENNAS		
AN/PRC-8, -10--Correct handling	152	53
AT-912 & AB-15/GR--Care & cleaning tips	157	58
How to use AT-984	153	39
AVIONICS		
ARC-44 R-T Housing--Air filters need fuzz	155	48
ARC-60 Belly Antenna--Keep insulator from turning	155	49
ARN-30 nose installation on CH-21	155	46
Warm up radio tubes before keying mike	155	46

B

BATTERIES		
Nickel Cadmium--Give them regular servicing	155	37
Tactical vehicles, current flow	155	14
BRAKE		
Hydraulic fluid, non-petro	153	51
Painting hose connections	152	18

C

CABLES
- CX-2583/U, CX-1852/U--Corrected FSN's 152 55
- Spark Plugs (See TRUCK, 3/4-TON, G741 SERIES)
- U-185, U-186, U-187 connectors match up pairs 154 50
- WM-46/U--Neat dressing 155 55

CAMERAS
- KA-39A--Shifting Day-Night Mode Control 153 41

CAPTIVE SCREWS
- Use split washer to hold them 156 9

CARRIER, CARGO, M116
- Engine cooling fan suctions up loose objects 155 11
- Torsion bar FSN's 157 53

CARRIER, COMMAND & RECONNAISSANCE, M114A1
- Road wheel arms 153 56

CARRIER, GENERAL
- Right road wheel oil level 153 55

CARRIER, PERSONNEL, ARMORED M113
- Final drive FSN 156 65
- FSN for track pin nuts 154 65
- How to measure grouser height 155 7
- Right transmission oil 152 15

CARRIER, RECON, M114
- Geared steer oil filter care 155 5
- How to keep belt tension 152 14
- Substitute starter 155 6
- Switch track center guides for longer life 152 12
- Use of the warning light rectifier 152 13

CARRIER, RECON, M114 & M114A1
- Kycphoi Areas 157 50
- Towing precautions 157 51

CARRIER, RECON, M114A1
- Cupola plastic balls, care of 155 4

CARRIER, SP MORTAR, M106
- Checking drain plugs 153 56
- Remove depression stop 154 19
- Taking care of misfires 154 18
- Use of pivot steer 154 18

CIRCUIT BOARDS
- How to solder, via TB Sig 222 . . . . . 152 52

CLUTCH
- Sprag unit windup 152 16

	PS	Page
COMMAND POST, M577		
Repair parts listed	153	55
CONTAINER, FOOD M1944		
Parts--FSN's	155	64
CRANE-SHOVEL, AMERICAN H&D		
Caution plate installation	154	62
CRYSTAL SET		
CK-6 crystal kit FSN's	153	37

D

DRUM, FUEL, COLLAPSIBLE		
Maintenance, handling	152	56

E

ELECTRICAL EQUIPMENT		
Re-coat meter's plastic face cover	153	54
ELECTRICAL SYSTEM (WHEELED VEHICLE)		
Mixing generators and regulators	155	17
ELECTRICAL TESTING		
Wild readings? Check meter's anti-static coating	153	54
ELECTRONIC EQUIPMENT		
Turn it off before starting or stopping tracked vehicles	155	12
EQUIPMENT RECORDS		
Change 2 (May 65) to TM 38-750	153	65
General--Change 2, TM 38-750	156	2
Historical		
DA Form 2408-1--Guide	155	62
DA Form 2408-3	153	63
DA Form 2408-3 Codes	153	65
DA Form 2408-7 Codes	153	61
	153	65
DA Form 2408-7 to PBO	155	62
Logbook cover--Supply	155	65
Maintenance		
DA Form 2406 Codes	153	65
DA Form 2407 Codes	153	65
DD Form 314--Rescheduling	157	64
Marine PM guide--TB 55-1900-202-12/1 (Oct 64)	153	61
Record MWO's	155	1

PS Page

F

FILTER UNIT, GAS PARTICULATE, M13
(See TANK, M60)
FOOD CONTAINER (See CONTAINER, FOOD, M1944)
FORMS, DA, DD, SF, ETC.
DA Form 12-40--Pinpoint for Artillery & Small Arms . . . 156 65
DA Form 12-41--Pinpoint for Sighting and Fire Control Equipment 156 65
DA Form 1771--How and when to use 153 58
DA Form 2527, Monthly review 153 62
DA Form 2765-1--Request for issue and turn-in 156 28
Equipment Records--ESC training package 154 65
FUEL
Don't mix alcohol and diesel fuel 155 11

G

GASOLINE
Never use for cleaning 154 65
GENERATORS
AN-M4, Special lubricating oil 153 64
Hol-Gar Model CE-106AC/WK9--Capacitor FSN 157 37
Pouch or case for publications 155 61
GENERATOR, HOLLINGSWORTH, 3 KW
Heat shroud removal 154 63
GRENADE LAUNCHER, M79
Tool--Wield the wrench gently 154 26
GUN, MACHINE, GENERAL
New LO in effect 152 65
GUN, MACHINE, M60, 7.62-MM
Cleaning--Keep gas cylinder up to prevent carbon buildup . . 155 27
Gas Piston--Head always faces the rear 154 27
Spare Barrel--Carry it in plastic bag 154 27
GUN, MACHINE, M60C, 7.62-MM
Weapons System (M2)--Mount properly 152 41
GUN, MACHINE, M73, 7.62-MM
Flash hider--Damage from stepping on it 153 26
GUN, SELF-PROPELLED, 175-MM, M107
Rammer chain--How to correct timing sequence. 153 22

	PS	Page
H		
HAWK		
AN/MPQ-34 Radar Set		
DSU should clean slip rings	156	25
Mounting bolts--Safety wire 'em	156	25
AN/MPQ-35--Pulse Acq radar water & coolant mixture is flammable	156	27
AN/MPQ-35 Radar--Moving coolant line prevents damage to oscillator cover	152	11
Radar Set AN/MPQ-37		
Antenna Assembly--Hands off	156	27
AN/MPQ-39--High power illuminator RF energy can cause DTU lock	156	26
AN/MPQ-39 Radar--Shipping plug should be removed from rotary pump	152	10
ASI headset	152	10
Loader-Transporter		
Check transmission oil level with drive selector in neutral	152	10
Missile Container--Remove missile carefully	152	11
HEADSETS		
H-161/U--Correct FSN	156	11
HEATER, PERSONNEL, MODEL E510		
Igniter Parts Kit	154	65
HEATER, SPACE		
Burner Assembly--FSN's	155	64
HOWITZER, SELF-PROPELLED, M110, 8"		
Rammer chain--How to correct timing sequence	153	22
HYDRAULIC FLUID		
Batch 5264 condemned	152	65
Do not store in plastic jug	154	41
I		
INSPECTION		
Be Your Own Inspector		
Switchboard SB-22/PT	152	50

K

KIT
Winterization--Requisitioning 152 65

L

LINE ITEM NUMBERS (See PUBLICATIONS)
LOW VOLTAGE CIRCUIT TESTER--Training Film 9-3536. . . 157 65
LUBRICATION
Grease gun pressure too much 153 52

M

MAINTENANCE
Cost reduction and good PM 154 1
General
South-East Asia 157 14
MAINTENANCE REGULATIONS 153 1
MARKINGS
Publications to follow 155 60
MISSILE CARRIER, XM474E2
Use non-skid paint 153 57
MODIFICATION WORK ORDER
Schedule MWO application 155 1

N

NIKE HERCULES
Launcher
Follow LO when lubing power and
equilibrator cylinder wipers 152 5
Keep water out of grease fitting wells 152 4
Make stop to hold safety devices in place 152 7

	PS	Page
NIKE HERCULES (Cont'd)		
Launcher		
Method of removing strut assembly trunnion pins	152	6
Use aluminum lacquer on launching-handling rail	152	5
Use right filters	152	2
Missile		
Requisition parts to connect ventilator assembly and BA-485/U battery	152	8
Tool straightens male contacts on J2 plug of TCG	152	8
O		
OEM		
Pubs for tactical wheeled vehicles	154	17
OFFICE MACHINES		
TM--Deletes words "weekly services"	155	63
P		
PAINT		
Publications to follow	155	60
Track, hull-type vehicles--Light green	153	57
Tractor truck air connections	152	18
PROTECTIVE MASK		
M17		
Crystalline Bloom--No defect	154	62
M24 Aircraft protective mask	152	45
PUBLICATIONS		
AMCR 385-224--Was Ord Safety Manual, ORDM 7-224	153	62
Ammunition--FM 9-5 and TF 9-3568	157	65
AR 220-1 Revision and AR 750-10 Revision	157	1
AR 700-11, Reduction of Equipment Requirements	153	58
Change 2, TM 38-750	156	2
DA Cir 310-42 (3 Sep 65)--Pinpoint Distribution for Weapons pubs	156	65
DA PAM 350-10--Schools Catalog	153	65
DA PAM 350-60--Extension Courses	153	65
ECOM EIR and Maintenance Digest changed to TB 750-101	156	65

	PS	Page
PUBLICATIONS (Cont'd)		
Engineer		
How to order	154	64
Pouch or case (See GENERATOR)		
Marine PM guide--TB 55-1900-202-12/1 (Oct 64)	153	61
New pubs	152	28
	153	28
	154	28
	155	28
	156	28
	157	37
PS Magazine Distribution	155	23
SB 5-60--Deteriorating items	155	64
SB 9-16--Winterization kits	152	65
SB 700-20--Line Item Numbers	157	61
Supply Bulletin --(See WRIST WATCH)		
Supply Catalog--Numbering system	155	56
Tank-Auto pubs go pin-point	154	28
TM 9-1430-501-12P/1 (ASI headset replacement)	152	10
TM 38-750, Change 2	153	65
Truck, tank pubs to pinpoint	155	65

R

RADAR SET		
AN/APN-22 Altimeter--Replace mounting screws	152	49
AN/MPQ-34--Safety wire mounting bolts	156	25
AN/MPQ-37--Antenna Assembly, hands off	156	27
RADAR TRAINER		
AN/ULT-2, 3, 4 and 5--Air shipping hints	153	40
RADIAC METERS		
IM-93/UD--Replacement cap	154	51
RADIO SETS		
AN/ARC-44		
Check R-T housing for air filter fuzz	155	48
AN/ARC-60--Handle antenna carefully	155	49
AN/GRC-3 Series		
Don't connect dumbbells with power on	154	52
AN/PRC-6--Crystal FSN's	153	37
AN/PRC-25--How to use AT-984/G antenna	153	39
AN/TRC-24		
Clean filters save tubes	154	53

	PS	Page
RADIO SETS (Cont'd)		
AN/TRC-68--Blower motor cable fix	153	38
AN/VRC-12--Correct FSN for H-161 headset	156	11
AN/VRC-24--Blower motor cable fix	153	38
R-110 Receiver--Antenna jack care	154	48
Turn them off before you start or stop a tracked vehicle	155	12
READINESS		
Takes hard work	152	1
RECEIVER-TRANSMITTER		
RT-66 thru RT-68--Sticking wrench breaks shaft	156	11
RT-77--Reversed knobs corrected	156	10
RECORDS, EQUIPMENT	153	65
RECORD SYSTEM, EQUIPMENT	154	65
REEL UNITS		
RL-31 Installation for M151 Truck	156	65
RIFLE, GENERAL		
Rifle Oil--Don't keep it in insect bottle	154	27
RIFLE, M14, 7.62-MM		
Burn-out--Armorer can replace handguard, stock and butt plate	155	26
Cleaning--Turn spindle valve off to prevent carbon buildup	155	27
Firing Mechanism Removal--Don't turn trigger guard too far	153	21
Maintenance--Looseness and tightness	154	20
PM Schedule--Now bi-weekly	153	21
RIFLE, M14E2, 7.62-MM		
Handgrip assembly--Be sure to position right	155	27
RIFLE, M16, 5.56-MM		
Servicing--Don't remove lower receiver	155	24
RUBBER, PARTS OF VEHICLES		
Leave unpainted	153	53

S

SAFETY		
AMCR 385-224 (Was Ord Safety Manual ORDM 7-224)	153	62
Crane-shovel caution plate	154	62
Never use gasoline for cleaning	154	65
SCREWS, CAPTIVE		
Use split washers to hold them	156	9

	PS	Page
SERGEANT		
M504 Launching Station		
Grounding--Use grounding cable and stake	152	9
SHELTERS		
S-141/G, S-144/G--Care in handling	152	55
SHELTERS, COMMUNICATION		
S141--Leave doors ajar	152	54
SIMULATOR, HAND GRENADE, M116		
Safety--Use gloves	156	65
SLAVE CABLE		
Check Polarity	154	13
SLEEPING BAG		
Foot Straps--Ask support to bartack	155	63
SUPPLY		
DA Form 1771--recommends deletion of excess items	153	58
Monthly review, DA Form 2527	153	62
Parts--Turn in complete assembly for overhaul	153	65
Requesting winterization kits	152	65
Supply Status Report--AR 711-5	154	54
Unit of Issue Change (FSC Class 5940-lugs, terminals, strips)	153	61
SUPPLY CATALOG (See PUBLICATIONS)		
SWITCHBOARD		
SB-22/PT		
Be your own inspector	152	50
SB-86/P		
Protect rubber protector	152	55

T

TANK, M48		
Rangefinder lamp	155	8
TANK, M48A2		
Rangefinder insurance	155	8
TANK, M48A3		
Rangefinder insurance	155	8
TANK, M60		
Filter Unit, Gas Particulate, M13--Keep spring clip	155	10
Loose-leaf binder FSN	155	13
Rangefinder lamp	155	8
Track tension adjustment	152	15
Ventilating blower news	155	9

	PS	Page
TANK, M60A1		
Brake slave cylinders	157	52
Gun tool--Fix spanner wrench for M60A1 use	153	26
No turret bustle rounds	152	28
Track tension adjustment	152	15
Ventilating blower news	155	9
TANK, GENERAL		
Check Polarity	154	13
Exercise in storage	152	27
Publications go on pinpoint distribution	155	65
TANK RECOVERY VEHICLE M88		
Tow bar clevises--Need two sets	157	53
TECHNICAL ASSISTANCE		
Requested by Commanders	156	1
TELEPHONE SETS		
TA-43/PT, TA-312/PT--Clean without polishing	154	65
TEST SET		
Communications Equipment--Don't store them with batteries	152	52
TV-7/U--Check for dirt	152	52
TIRES		
Inspection and care	156	42
TOOLS		
Cutting-welding torch parts	152	20
Guides for holes, homemade	154	16
Pubs for OEM	154	17
Sets-Kits		
2nd Echelon No. 1 Common	156	48
Signal		
TE-50-B--Added teletype tools	155	50
TRACKED VEHICLES		
Paint, hull-type, light green	153	57
TRAILERS		
Towing 1-1/2-Ton Trailers	153	51
TRAILER, 3/4-TON, M101A1		
Brake parts	152	18
TRAINING		
Army Extension Courses (DA Pam 350-60)	153	65
Army Schools (DA Pam 350-10)	153	65

	PS	Page
TRUCK, 1/4-TON M151		
Ball joint play	156	38
Boot, top, gearshift lever--Comes alone	157	54
Cap, Gas--Round sharp corners	157	55
Curtains and doors removed from OVE list	152	23
Dimensions for fabricated wheel bearing tool	152	24
Driving techniques and cautions	155	21
Headbolts, new	157	55
Installation kit for RL-31 reel unit	156	65
Keep U-Joint "yoke" tight	156	39
Kit, closure	157	65
New dipstick	155	21
New wheel bearing "puller"	152	25
Oil filter installation	154	14
Pin, seat, substitute	154	14
Rear suspension parts	152	24
Rubber tube gas can guard	154	14
Timing gear noise, OK	156	39
Wheel bearing adjustment	152	22
Windshield care	152	23
TRUCK, 3/4-TON, G741 SERIES		
Cargo body bow strap	152	26
Ordering spark plug cables	154	15
Self-locking "U" Joint Nut	154	15
Water pump belt tension	152	27
TRUCK, 3/4-TON, M37 and M37B1		
Get 100 amp batteries when commo equipment is used	152	26
TRUCK, 2 1/2-TON, G742 SERIES		
Fitting, pintle lube--Location	156	40
M35A1 multifuels to get tachs	153	65
Publications for multifuel models	154	16
Put OHC in booster brake and on plug threads	152	65
Sprag unit (overrunning clutch)	152	16
Starter--New for multifuels	157	57
TM's new for operators, organizational mechanics	156	41
TRUCK, 2-1/2-TON, M35A1		
Air cleaner restriction gage	153	53
Steering gear mounting bolts	152	19
TRUCK, 5-TON, G744 SERIES		
Bows, top--New for cargo trucks	156	37
Engine models and their RPM limits	155	18
Front winch chain	153	65
Valve clearance for R6602 engine	155	19
TRUCK, 5-TON, M51		
Dump body hinge mounting bolts	152	21

	PS	Page
TRUCK, 10-TON, G792 SERIES		
Front wheel lug nuts	155	22
TRUCK, 10-TON, M125		
Cargo body cross bows	155	22
TRUCK, GENERAL		
Brake fluid, use non-petro type	153	51
Exercise in storage	152	27
Mixing generators and regulators	155	17
Publications go on pinpoint distribution	155	65
Tires, inspection and care	156	42
TRUCK, GENERAL, TACTICAL		
Plug, flywheel housing--Leave out	156	41
TRUCK, TANK 2-1/2-TON M49C		
Fix to replace broken static reel	155	20
Reel, static--Damage from rough handling	156	64
Segregator, fuel--Dump valve repair kit	157	56
Segregator, fuel--FSN for rubberseal	157	57
TRUCK, TRACTOR, 5-TON, M52A1		
Vibration damage	153	48
TRUCK, TRACTOR, GENERAL		
Painting air connections	152	18
TRUCK, TRACTOR-WRECKER, 5-TON M246		
Lock, brake--When to use	156	37
TRUCK, WRECKER, 5-TON		
Cutting-welding torch parts	152	20
Rear spring installation on all models	153	49
TRUCK, WRECKER, 5-TON, GENERAL		
Crane load capacity	153	50
TRUCK, WRECKER, 5-TON M62		
Lock, brake--When to use	156	37
TRUCK, WRECKER, 5-TON, M543		
Lock, brake--When to use	156	37
TYPEWRITER		
TM (See OFFICE MACHINES)		

V

VEHICLE, COMMERCIAL		
Troubleshooting	154	2
VEHICLES, GENERAL		
Administrative storage	152	25
Exercise in storage	152	27

	PS	Page
VEHICLES, TACTICAL, GENERAL		
Direction of electrical current flow	155	14
Tail gate protector fix	155	16
Tires, inspection and care	156	43
Towing trailer (tire sizes)	153	51

W

WELDING		
Tools, 5-Ton wreckers	152	20
WIPERS, PAPER	152	65
WRIST WATCH		
SB 9-228 says turn in FSN 6645-952-3767	157	65

GPO : 1966 O - 208 - 038

USE YOUR GRIPESHEETS!